

### ABSTRACT

A method is disclosed for creating a new control chart in a basic record system that includes a server and a database coupled to the server. The method includes the steps of storing a number of SPC control charts and a number of tables in the database and determining whether information stored in at least one of the tables has changed. If the information has changed, the method then determines whether the changed information can be described by at least one of the SPC control charts. If the changed information can be described, then the method updates at least one of the SPC control charts with the changed information. If the changed information cannot be described, then the method creates a new control chart that can describe the changed information.